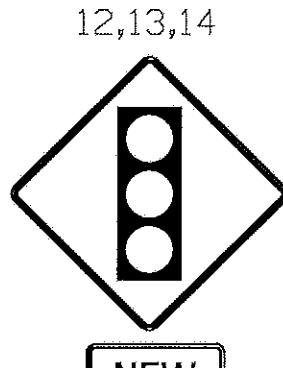
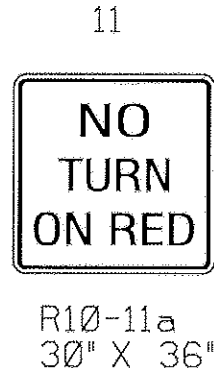
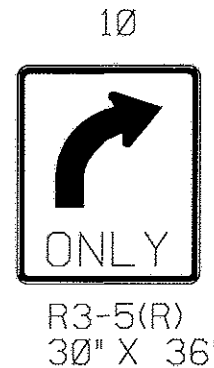
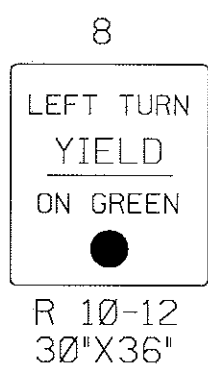
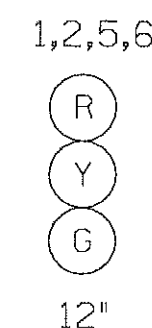
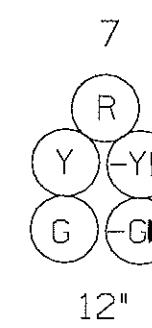
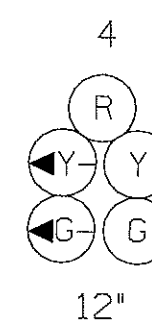
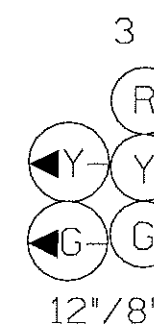


EDWIN RAYNOR BLVD IS ASSUMED TO RUN
IN A NORTH / SOUTH DIRECTION

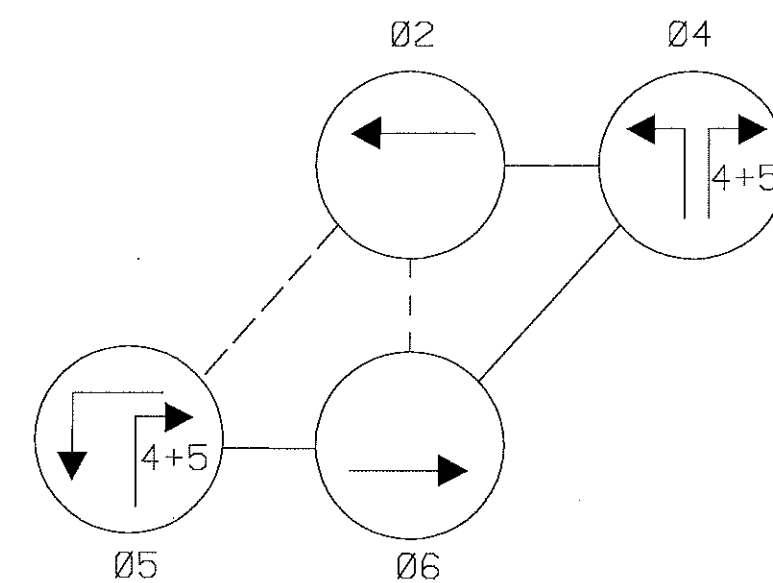
SIGNS



SIGNALS

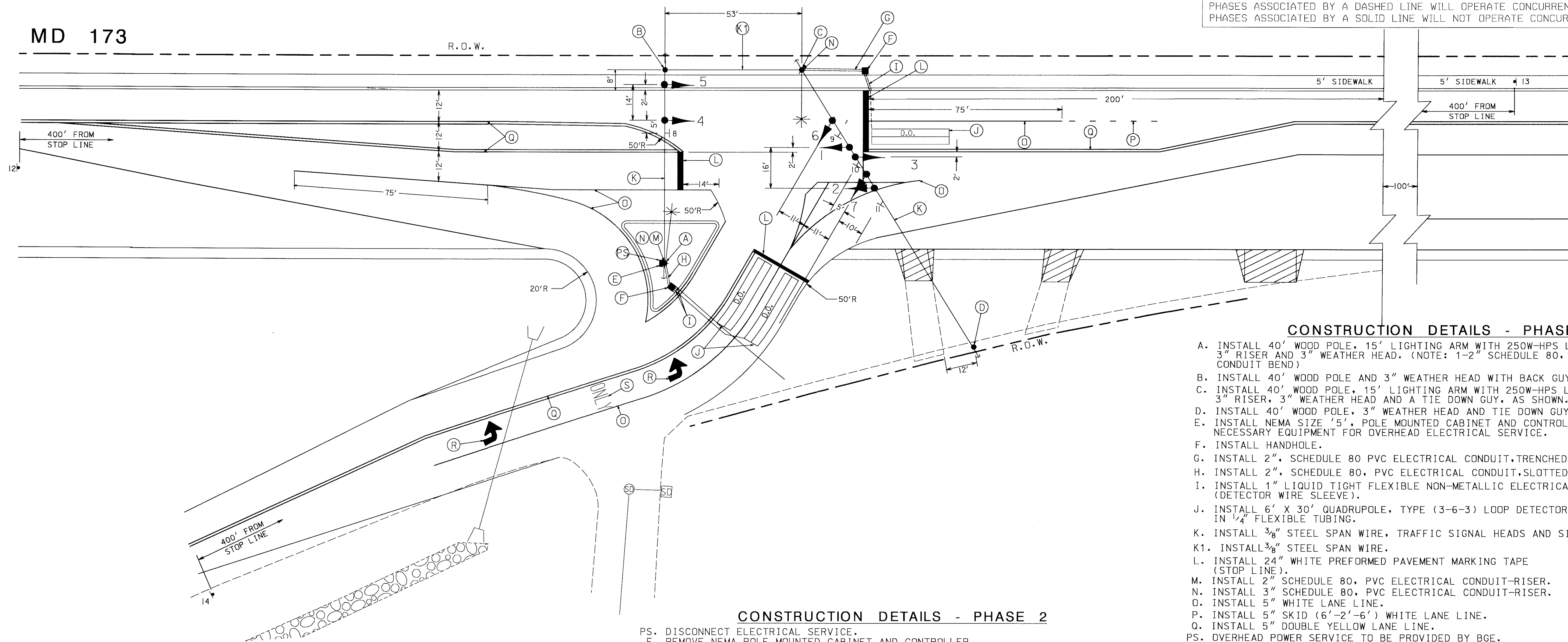


NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

MD 173

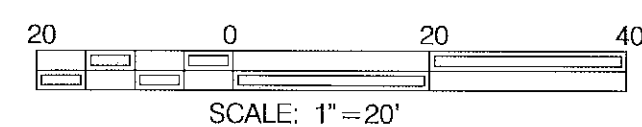


CONSTRUCTION DETAILS - PHASE 1

- INSTALL 40' WOOD POLE, 15' LIGHTING ARM WITH 250W-HPS LUMINAIRE, 3" RISER AND 3" WEATHER HEAD. (NOTE: 1-2" SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
- INSTALL 40' WOOD POLE AND 3" WEATHER HEAD WITH BACK GUY.
- INSTALL 40' WOOD POLE, 15' LIGHTING ARM WITH 250W-HPS LUMINAIRE, 3" RISER, 3" WEATHER HEAD AND A TIE DOWN GUY, AS SHOWN.
- INSTALL 40' WOOD POLE, 3" WEATHER HEAD AND TIE DOWN GUY, AS SHOWN.
- INSTALL NEMA SIZE '5', POLE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT FOR OVERHEAD ELECTRICAL SERVICE.
- INSTALL HANDHOLE.
- INSTALL 2", SCHEDULE 80 PVC ELECTRICAL CONDUIT, TRENCHED.
- INSTALL 2", SCHEDULE 80, PVC ELECTRICAL CONDUIT, SLOTTED.
- INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- INSTALL 6' X 30' QUADRUPOLE, TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING.
- INSTALL 3/8" STEEL SPAN WIRE, TRAFFIC SIGNAL HEADS AND SIGNS.
- INSTALL 3/8" STEEL SPAN WIRE.
- INSTALL 24" WHITE PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
- INSTALL 2" SCHEDULE 80, PVC ELECTRICAL CONDUIT-RISER.
- INSTALL 3" SCHEDULE 80, PVC ELECTRICAL CONDUIT-RISER.
- INSTALL 5" WHITE LANE LINE.
- INSTALL 5" SKID (6'-2'-6') WHITE LANE LINE.
- INSTALL 5" DOUBLE YELLOW LANE LINE.
- OVERHEAD POWER SERVICE TO BE PROVIDED BY BGE.
- INSTALL PREFORMED THERMOPLASTIC WHITE ARROW.
- INSTALL PREFORMED THERMOPLASTIC WHITE "ONLY".

CONSTRUCTION DETAILS - PHASE 2

- PS. DISCONNECT ELECTRICAL SERVICE.
E. REMOVE NEMA POLE MOUNTED CABINET AND CONTROLLER AND RETURN TO MD SHA OFFICE OF TRAFFIC AND SAFETY.
K. REMOVE SPAN WIRE, SIGNAL HEADS AND SIGNS, RETURN SIGNAL HEADS TO MD SHA OFFICE OF TRAFFIC AND SAFETY.
A,B,C,D. REMOVE WOOD POLES, LIGHTING ARMS, LUMINAIRES AND TIE DOWN GUYS.
F. REMOVE HANDHOLE.
H,G. CAP AND ABANDON 2" PVC CONDUIT.



GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES

LUKAS ASSOCIATES, INC.

Transportation Planning and Engineering Consultants

10622 Great Arbor Drive
Potomac, Maryland 20854

Tel. 301-765-9533
Fax. 301-765-9534

REVISIONS

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(TRAFFIC SIGNAL PLAN)

MD 173 AND EDWIN RAYNOR BLVD.
TEMPORARY SIGNAL FOR M.O.T.

DRAWN BY: AMF
CHECKED BY: M. R. 9/25/99
SCALE: 1"=20'
DATE: AUGUST, 1999

F.A.P. NO.
S.H.A. NO. BW996M82
COUNTY: ANNE ARUNDEL
LOG MILE:

TS NO.
TS 1423B-21
T.I.M.S. NO.
D-091

SHEET NO.
7 OF 10